

10/508903

DT15 Rec CT/PTO 23 SEP 2004

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Date of Deposit: 9-23-2004

Our Case No.: 5404/90

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Toshinori Ikehara et al.

Examiner: Not Assigned

International Serial No.  
PCT/JP03/04312

Group Art Unit No.: Not Assigned

U.S. Serial No.: Applied for

International Filing Date: April 4, 2003

U.S. Filing Date: Herewith

Title: PROCESS FOR PRODUCING OIL  
AND FAT COMPOSITION  
CONTAINING HYDROPHOBIC  
COMPONENTS OF  
GLYCYRRHIZA

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

#### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY
JP 2-134324 A	05/23/1990	Japan
JP 4-164021 A	06/09/1992	Japan
JP 2000-191498 A	07/11/2000	Japan
JP 2000-239176 A	09/05/2000	Japan

#### OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Aida, Kaoru et al., "Isoliquiritigenin: A New Aldose Reductase Inhibitor from Glycyrrhizae Radix," <i>Planta Med.</i> , 1990, Vol. 56, No. 3, pp. 254-258.
Gordon, Michael H. et al., "Antioxidant Activity of Flavonoids Isolated from Licorice," <i>J. Agric. Food Chem.</i> , 1995, Vol. 43, No. 7, pp. 1784-1788.
Hatano, Tsutomu et al., "Phenolic Constituents of Licorice. II. Structures of Licopyranocoumarin, Licoarylcoumarin and Glisoflavone, and Inhibitory Effects of Licorice Phenolics on Xanthine Oxidase," <i>Chem. Pharm. Bull.</i> , 1989, Vol. 37, No. 11, pp. 3005-3009.
Saizuka, Hiroo et al., "'Sankanon' ni yoru Yusei Shokuhin to Yushi no Sanka Boshi Koka," <i>Japan Food Science</i> , 1986, Vol. 25, No. 6, pp. 43-48.
Tanaka, Yasuo et al., "Antibacterial Compounds of Licorice Against Upper Airway Respiratory Tract Pathogens," <i>J. Nutr. Sci. Vitaminol</i> , 2001, Vol. 47, No. 3, pp. 270-273.
Tsutsumi, Tatsuhiko et al., "Application to Cosmetics of Oil-Soluble Licorice Extract," <i>Fragrance Journal</i> , 1989, Vol. 17, No. 6, pp. 122-125.
Tsutsumi, Tatsuhiko et al., "Introduction to New Functions of Natural Plant Extracts and Their Application to Cosmetics," <i>Fragrance Journal</i> , 2001, Vol. 29, No. 1, pp. 93-96.
International Search Report From Corresponding International Application No. PCT/JP03/04312, Dated June 24, 2003, 2 pages.

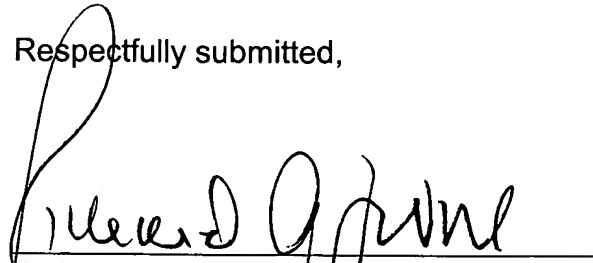
This Information Disclosure Statement is being filed concurrently with the filing of the above-identified application and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be

construed to be an admission that the information cited is, or is considered to be,  
material to patentability as defined in 37 C.F.R. § 1.56(b).

Applicant(s) respectfully request that the listed documents be made of record in  
the present case.

Respectfully submitted,



Richard G. Lione  
Registration No. 19,795  
Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE  
P.O. Box 10395  
Chicago, IL 60610  
(312) 321-4200

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FORM PTO-1449	INTERNATIONAL APPLICATION NO. PCT/JP03/04312	CASE NO. 5404/90
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	INTERNATIONAL FILING DATE April 4, 2003	GROUP ART UNIT Not Assigned
APPLICANT(S): Toshinori Ikehara et al.		

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A1	JP 2-134324 A	05/23/1990	Japan	Abstract
	A2	JP 4-164021 A	06/09/1992	Japan	Abstract
	A3	JP 2000-191498 A	07/11/2000	Japan	Abstract
	A4	JP 2000-239176 A	09/05/2000	Japan	Abstract

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.				
	A5	Aida, Kaoru et al., "Isoliquiritigenin: A New Aldose Reductase Inhibitor from Glycyrrhizae Radix," <i>Planta Med.</i> , 1990, Vol. 56, No. 3, pp. 254-258.			
	A6	Gordon, Michael H. et al., "Antioxidant Activity of Flavonoids Isolated from Licorice," <i>J. Agric. Food Chem.</i> , 1995, Vol. 43, No. 7, pp. 1784-1788.			
	A7	Hatano, Tsutomu et al., "Phenolic Constituents of Licorice. II. Structures of Licopyranocoumarin, Licoaryl coumarin and Glisoflavone, and Inhibitory Effects of Licorice Phenolics on Xanthine Oxidase," <i>Chem. Pharm. Bull.</i> , 1989, Vol. 37, No. 11, pp. 3005-3009.			
	A8	Saizuka, Hiroo et al., "'Sankanon' ni yoru Yusei Shokuhin to Yushi no Sanka Boshi Koka," <i>Japan Food Science</i> , 1986, Vol. 25, No. 6, pp. 43-48.			
	A9	Tanaka, Yasuo et al., "Antibacterial Compounds of Licorice Against Upper Airway Respiratory Tract Pathogens," <i>J. Nutr. Sci. Vitaminol</i> , 2001, Vol. 47, No. 3, pp. 270-273.			
	A10	Tsutsumi, Tatsuhiko et al., "Application to Cosmetics of Oil-Soluble Licorice Extract," <i>Fragrance Journal</i> , 1989, Vol. 17, No. 6, pp. 122-125.			
	A11	Tsutsumi, Tatsuhiko et al., "Introduction to New Functions of Natural Plant Extracts and Their Application to Cosmetics," <i>Fragrance Journal</i> , 2001, Vol. 29, No. 1, pp. 93-96.			
	A12	International Search Report From Corresponding International Application No. PCT/JP03/04312, Dated June 24, 2003, 2 pages.			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.